

Applicant: DORI, Dov  
Serial No.: 09/808,781  
Attorney Docket No.: P-7481-US

**Amendments to the Specification:**

Please amend the following text, which appears on page 18, lines 24-27:

--In technical terms, a model forms a hyper-graph where each node is a diagram and each edge is a directed arc denoting a relationship between the diagrams.--

to read:

--In technical terms, a model forms a [[hyper-graph]] graph where each node is a diagram and each edge is a directed arc denoting a relationship between the diagrams.--

Please amend the following text, which appears on page 23, lines 15-20:

--That is, as expressed by the corresponding text 436, symbol 346, connecting states 352 and 358 to state 342, expresses that the "License" object 240 "Valid" state 342 is the Boolean ANDing of the "Signed" Boolean object 350 "authentic" state 352 and the "Notary Sealed" Boolean object 356 "intact" state 358.--

to read:

--That is, as expressed by the corresponding text 436, symbol 346, connecting states 352 and 358 to state 342, expresses that the "License" object [[240]] 340 "Valid" state 342 is the Boolean ANDing of the [{"Signed"}] "Signature Set" Boolean object 350 "authentic" state 352 and the [{"Notary Sealed"}] "Notary Seal" Boolean object 356 "intact" state 358.--

Please amend the following text, which appears on page 25, lines 23-26:

--For example, FIG. 25 illustrates that a "Heating" process takes place upon the occurrence of a state-entrance event, in which "Room Temperature" enters a state of being below "15°C."--

to read:

--For example, FIG. 25 illustrates that a "Heating" process takes place upon the occurrence of a state-entrance event, in which "Room Temperature" enters a state of being below [{"15°C."}] "15 deg."--

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Please replace the following text, which appears on page 26, lines 29-30:

--The default is s, so if no unit is specified, it is seconds.--

with:

--As indicated by the bold frame denoting the "s" state of Unit in FIG. 28, the default is "s", which stands for second units.--

Please amend the following text, which appears on page 42, lines 15-17:

---In addition, multimedia artifacts can be switched on or off along with generation or destruction of objects or---

to read:

---In addition, multimedia artifacts can be switched on or off along with generation or destruction of objects or change of their state.---

Please replace the following text, which appears in Appendix B, page 6, line 12:

-- *Diagram-id* → SD || (/dash integer)\* --

with:

-- *Diagram-id* → SD | integer||SD | integer(/period||integer)\* --

In Appendix B, page 4, after line 20 and before line 21, before the following line:

-- *Behavior-sentence* → *Enabling-sentence* | *Transformation-sentence* | *Invocation-sentence* --

please insert the following line:

-- *State-order-sentence* → *Object* is (initially | finally | initially and finally) *State-name* --

Please replace the following text, which appears in Appendix B, page 6, line 24:

-- *Thing-list* → *Object-list* | *Process-list* | *Process-and-Object-list* | *Object-and-Process-list* --

with:

-- *Thing-list* → *Thing-list* ((/comma)? and more)? | *Object-list* | *Process-list* | *Process-and-Object-list* | *Object-and-Process-list* --

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Please delete the following two lines of text, which appear in Appendix B, page 6,  
lines 14-15:

-- | *Object-detailing-sentence*  
| *State-detailing-sentence* --